

November 18, 1963

Film Reader, 705R

Contract 3057

As of Nov. 5.
Work on the 705-R ~~reader~~ reader has been resumed.
They expect to complete the mechanical assembly by
Dec. 15 and begin testing.

Interference by the production of the 8 Viewers
delivered recently is now over.

Mechanical design of the Reader is in good shape.
There are some unknowns in performance however.
One is the air bearing platen which is supposed to
keep the film in focus during transport. Another
is the accuracy obtainable in the counter gear train.

It appears that the smoothness of the drive at low
speeds is greatly improved over previous Viewers.
[REDACTED] has improved the optics. It might be
a good idea to run the existing viewers through a
retrofit program next year to incorporate these
improvements.

The counter situation is not very bright. They
have pretty well worked through all the circuit
design and debugged the existing model. It turns
out however that this model is not directly applicable
to the Reader because of packaging problems.
The counter for the reader will not be ready until
next spring, perhaps April.

Design of the 12 single mirror viewers is proceeding
nicely.

DECLASS REVIEW by NIMA/DOD